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(54) TOROIDAL TYPE, CONTINUOUSLY VARIABLE TRANSMISSION

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a toroidal type continuously variable transmission capable of suppressing the lowering of a power transmission efficiency and also suppressing an increase of size.

SOLUTION: A toroidal type continuously variable transmission 30 comprises an input shaft 1, an input disk 2a, an output disk, and a hydraulic loading mechanism 6. The input shaft 1 and input disk 2a are rotated by a drive source E. The hydraulic loading mechanism 6 comprises cylinders 41 and 59 and disk members 60 and 61. A space surrounded by the inner peripheral surface of the cylinder 59, a bottom surface 65 of a disk member 60, and a rear surface 42a of the input disk 2a forms a first hydraulic chamber 67. A space surrounded by the inner peripheral surface of the cylinder 59, a bottom surface 48a of the cylinder 41, and an end surface 69 of the disk member 61 forms a second hydraulic chamber 70. In the

hydraulic chamber 67 and 70, pressure oil is supplied to press the input disk 2a toward the output disk.

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